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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/206,971	12/08/1998	MITSUO SAKURAI	Q52075	6180

7590 10/03/2003

SUGHRUE MION ZINN MACPEAK & SEAS
2100 PENNSYLVANIA AVENUE N W
WASHINGTON, DC 200373202

EXAMINER

POON, KING Y

ART UNIT	PAPER NUMBER
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2624

DATE MAILED: 10/03/2003

15

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
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SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.
09206471			

EXAMINER	
Poon	
ART UNIT	PAPER NUMBER
2624	15

DATE MAILED:

Below is a communication from the EXAMINER in charge of this application

COMMISSIONER OF PATENTS AND TRADEMARKS

ADVISORY ACTION

☒ THE PERIOD FOR RESPONSE:

- a) ☒ is extended to run 5 months from the date of the final rejection
- b) ☐ expires three months from the date of the final rejection or as of the mailing date of this Advisory Action, whichever is later. In no event however, will the statutory period for the response expire later than six months from the date of the final rejection.

Any extension of time must be obtained by filing a petition under 37 CFR 1.136(a), the proposed response and the appropriate fee. The date on which the response, the petition, and the fee have been filed is the date of the response and also the date for the purposes of determining the period of extension and the corresponding amount of the fee. Any extension fee pursuant to 37 CFR 1.17 will be calculated from the date of the originally set shortened statutory period for response or as set forth in b) above.

☐ Appellant's Brief is due in accordance with 37 CFR 1.192(a).

☒ Applicant's response to the final rejection, filed 8/18/03, has been considered with the following effect, but it is not deemed to place the application in condition for allowance:

1. ☒ The proposed amendments to the claim and/or specification will not be entered and the final rejection stands because:

- a. ☐ There is no convincing showing under 37 CFR 1.116(b) why the proposed amendment is necessary and was not earlier presented.
- b. ☒ They raise new issues that would require further consideration and/or search. (See Note).
- c. ☐ They raise the issue of new matter. (See Note).
- d. ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal.
- e. ☐ They present additional claims without cancelling a corresponding number of finally rejected claims.

NOTE: The limitations of "an upper apparatus interface with a printer" found in claim 36 and "printer interface" found in claim 38 raise new issue that would require further consideration and/or search.

2. ☐ Newly proposed or amended claims would be allowed if submitted in a separately filed amendment cancelling the non-allowable claims.

3. ☒ Upon the filing an appeal, the proposed amendment ☐ will be entered ☒ will not be entered and the status of the claims will be as follows:

Claims allowed: _____

Claims objected to: 7-10, 17-20

Claims rejected: 1-6, 11-16, 21-30

However;

☐ Applicant's response has overcome the following rejection(s): _____

4. ☒ The affidavit, exhibit or request for reconsideration has been considered but does not overcome the rejection because See attachment

5. ☐ The affidavit or exhibit will not be considered because applicant has not shown good and sufficient reasons why it was not earlier presented.

☐ The proposed drawing correction ☐ has ☐ has not been approved by the examiner.

☐ Other

Gabriel Garcia
GABRIEL GARCIA
PRIMARY EXAMINER

Art Unit: 2624

Attachment

With respect to applicant's argument that Miller fails to disclose the printer control circuit of claim 1, which is separate and distinct from the printer and host computer, has been considered.

In reply: Miller, fig. 1, teaches a system having for example, a printer controller, 30, pens 20, 22, and carriage 24. The system of fig. 1, can be extended to form another system that is having the system of fig. 1 with a personal computer. (Column 3, lines 17-33)

In general, a printer is a system of components (e.g., the carriage and the pens) that when the components working correlating to each other, the printer system prints. Therefore, the host, the print controller, the pens and the carriage form a printer. The print controller, the pens and the carriage also form a printer. The pens, the carriage, and other components of fig. 1, excluding the print controller, are another example of a printer.

Since the claim does not specifically define what components that the printer is including and excluding, the examiner is interpreting the printer in the claims as all of the components disclosed in fig. 1, except controller 30. Fig. 1, Miller, clearly disclosed that controller is separate and distinct from other components of fig. 1.

With respect to applicant's argument that is silent to half toning a portion of page image 42 at step 104, has been considered.

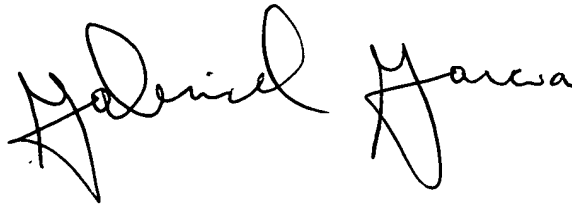
In reply: Column 9, lines 30-35 clearly teaches to halftone each region of the page. A region of a page is a portion of a page.

Application/Control Number: 09206971

Page 3

Art Unit: 2624

Any inquiry concerning this communication or earlier communications from the examiner should be directed to King Y. Poon whose telephone number is (703) 305-0892.

A handwritten signature in black ink, appearing to read "Gabriel Garcia". The signature is fluid and cursive, with the first name "Gabriel" and the last name "Garcia" clearly distinguishable.

September 30, 2003

**GABRIEL GARCIA
PRIMARY EXAMINER**